Index of Claims

| | | | | | OI | | | | |
|--|--|--|--|--|----|--|--|--|--|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

10/673,320

Examiner

Livius R. Cazan

Applicant(s)/Patent under Reexamination

MIYAKE ET AL.

Art Unit

3729

Rejected Allowed

(Through numeral) Cancelled

Restricted

÷

| | Z | Non-Elected |
|---|---|-------------|
| 1 | | |

Interference

Appeal Α 0 Objected

| | | L | | | | | | | | | | |
|--|--|----------------|-----------------------|--|--------------|------------------|----------------|--|--------------|---|--|--|
| Cla | im | Date | | | | | | | | | | |
| -515 | | | | | | - 316 | <u> </u> | | | \dashv | | |
| <u></u> | Original | 4/6/06 | 6/27/06 | 10/10/06 | | | | | | | | |
| Final | įį | 19/ | 127 | 100 | | | | | | | | |
| | ō | 4 | 9 | 위 | | | | | | | | |
| | 1 | J | J | = | | _ | | | | \dashv | | |
| | 1 2 3 4 5 6 7 | 7 7 7 | 1 1 1 | = | | | | \vdash | _ | \dashv | | |
| | 3 | Ť | 7 | = | | \vdash | | | \vdash | | | |
| | 4 | Ì | Ī | = | | - | | | | П | | |
| | 5 | N | 5 | 5 | | | \vdash | | | | | |
| | 6 | N | 6 | 6 | | | _ | | | | | |
| | 7 | T- | 5 6 1 1 1 | Ξ | | | | | | \Box | | |
| | 8 | Г | 1 | = | | | Г | | | П | | |
| | 9 | Г | 1 | = | | | _ | | | | | |
| | 10 | Γ | 1 | = | | | | | - | | | |
| | 11 | | 1 | 11 | | | | | | | | |
| | 12 | | 1 | 12 | | | | | | | | |
| | 13 | | 1 | 12 13 | | | | | | | | |
| | 14 | 匚 | 1 | 44 | | | | | | | | |
| | 15 | | | | | | | | | | | |
| | 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | | | | | | | | | | | |
| | 17 | L | _ | | | | L | | | | | |
| | 18 | | | | | | L | | | Ш | | |
| | 19 | | | <u></u> | | | <u> </u> | <u>L</u> | | | | |
| | 20 | 匚 | L | | | | | L | | | | |
| | 21 | | | | | | <u> </u> | | | | | |
| <u></u> | 22 | L | | _ | | | L | _ | | Ш | | |
| | 23 | L_ | _ | <u> </u> | | | | _ | | | | |
| | 24 | _ | <u> </u> | | | _ | | _ | | | | |
| | 25 | <u> </u> | <u> </u> | ļ | _ | | | | | Ш | | |
| | 26 | 乚 | _ | _ | _ | | | <u></u> | <u> </u> | Ш | | |
| | 27 | L | <u> </u> | <u> </u> | | | _ | <u> </u> | _ | Ш | | |
| | 28 | <u> </u> | <u> </u> | _ | _ | | | <u> </u> | _ | Ш | | |
| | 29 | ļ | | ļ | <u> </u> | _ | | _ | | Н | | |
| <u> </u> | 30 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | <u> </u> | <u> </u> | Щ | | |
| | 31 | ┕ | <u> </u> | ├- | L | <u> </u> | _ | | | \vdash | | |
| | 32 | - | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | - | | |
| <u> </u> | 33 | ├— | - | — | \vdash | <u> </u> | ├ | ├— | ├ | $\vdash \vdash$ | | |
| <u> </u> | 32 33 34 35 | \vdash | \vdash | <u> </u> | | | <u> </u> | - | \vdash | $\vdash \vdash$ | | |
| | 35 | ├ | ├ | - | | - | | ⊢ | <u> </u> | $\vdash \vdash$ | | |
| <u> </u> | 36 37 | ├ | \vdash | | - | | ├ | | | $\vdash \vdash \mid$ | | |
| <u> </u> | 30 | ├ | | - | - | ├- | _ | ├— | ├ | $\vdash \vdash$ | | |
| <u> </u> | 38 39 | \vdash | \vdash | \vdash | - | | | - | \vdash | $\vdash \vdash$ | | |
| - | 40 | ┢ | \vdash | \vdash | \vdash | \vdash | — | - | | $\vdash \dashv$ | | |
| | 41 | — | 1- | \vdash | - | | ├ | | \vdash | ${oldsymbol{dash}}$ | | |
| \vdash | 42 | \vdash | \vdash | \vdash | \vdash | \vdash | <u> </u> | - | - | $\vdash \dashv$ | | |
| <u> </u> | 43 | - | | - | ┢ | - | ┢ | \vdash | \vdash | Н | | |
| | 44 | - | | - | | | \vdash | | \vdash | H | | |
| - | 45 | - | | \vdash | \vdash | - | 1 | \vdash | \vdash | Н | | |
| <u> </u> | 46 | \vdash | | \vdash | \vdash | \vdash | \vdash | \vdash | - | ├─┤ | | |
| | 47 | 1 | | \vdash | \vdash | ┥ | - | - | - | $\vdash \dashv$ | | |
| | 48 | \vdash | \vdash | 1 | ┢ | - | | | - | $\vdash \vdash$ | | |
| | 49 | - | ╁ | - | \vdash | | \vdash | | - | H | | |
| | 50 | ┼─ | \vdash | \vdash | \vdash | \vdash | \vdash | - | ۱÷ | $\vdash \vdash$ | | |
| L | 1_00 | Ц. | Щ | ــــــــــــــــــــــــــــــــــــــ | | Щ | Щ | ـــــا | Ь. | لــــــــــــــــــــــــــــــــــــــ | | |

| Cla | Date | | | | | | | | | | |
|------------|----------|----------|----------|----------|--------------|----------|----------|----------|----------|----------|--|
| | | | | | | | | | | | |
| Final | Original | | | | | | | | | | |
| | 51 | \dashv | \neg | | | 7 | - | | | | |
| | 52 | | | | | | | | | | |
| | 53 | \neg | \dashv | _ | | - | \neg | | _ | _ | |
| | - 53 | \dashv | - | _ | \dashv | - | | | | - | |
| | 54 | \dashv | _ | | | - | _ | _ | | _ | |
| | 55 | _ | _ | | | _ | | _ | | | |
| | 56 | | | | | | | | | | |
| | 57 | | | | | | | | | | |
| | 58 | | | | | | | | | | |
| | 59 | _ | | | | | | | | | |
| | 60 | _ | | | | | _ | \neg | _ | | |
| \vdash | 61 | | - | | | | \dashv | _ | | - | |
| | 5 | - | | | - | | _ | - | | | |
| \vdash | 62 | | _ | | | \dashv | - | | | | |
| | 63 | _ | | | | _ | | | | | |
| | 64 | | | | | | | | | | |
| | 65 | - 1 | | | | | | | | | |
| | 66 | | | | | | | | | | |
| | 67 | | | | | | | | | | |
| | 68 | _ | _ | _ | | - | _ | | | | |
| - | 69 | \dashv | | | - | - | _ | | _ | _ | |
| \vdash | 70 | | | - | - | | _ | \dashv | _ | <u> </u> | |
| | 70 | _ | | | _ | | | | | | |
| <u> </u> | 71 72 | | | | _ | | | | | _ | |
| L | 72 | | | | | | | | | | |
| | 73 | | | | | | | | | | |
| | 74 | | | | | | | | | | |
| | 74 75 | | | | | | | | | | |
| | 76 | | | | | | | | | | |
| | 76 77 | _ | | | - | Н | | | - | \vdash | |
| <u> </u> | 78 | | | | <u> </u> | \vdash | - | | _ | | |
| - | 79 | _ | _ | _ | \vdash | - | _ | | \vdash | ┢ | |
| | 79 | | _ | - | - | | - | _ | <u> </u> | | |
| | 80 | _ | | _ | _ | _ | | | <u> </u> | _ | |
| <u></u> | 81 | | | _ | _ | | | | | | |
| <u> </u> | 82 | | | | | | | | | | |
| | 83 | | | | | | | | | | |
| | 84 | | | | | | | | | | |
| | 85 | | | | | | | | | | |
| | 86 | _ | | | Г | | | П | | Г | |
| | 87 | | | - | \vdash | | | | _ | - | |
| | 88 | | _ | _ | - | _ | - | | \vdash | \vdash | |
| \vdash | 00 | | _ | _ | \vdash | i - | _ | \vdash | _ | ⊢ | |
| <u> </u> | 89 | _ | | | <u> </u> | <u> </u> | | | _ | <u> </u> | |
| <u> </u> | 90 | | | | $oxed{oxed}$ | | | Ш | | | |
| <u> </u> | 91 | | | | | L., | | | _ | _ | |
| L | 92 | | | L | _ | | | | | L | |
| | 93 | | | | | | | | L | L | |
| | 94 | | | | | | | | | Γ | |
| | 95 | | | П | Г | | | | Г | Г | |
| \vdash | 96 | | | \vdash | \vdash | | \vdash | Т | \vdash | Г | |
| \vdash | 97 | | | \vdash | \vdash | - | \vdash | \vdash | \vdash | \vdash | |
| \vdash | | Ė | | \vdash | \vdash | \vdash | \vdash | - | \vdash | ├- | |
| ├ ─ | 98 | <u> </u> | <u> </u> | <u> </u> | | - | - | \vdash | | \vdash | |
| └ | 99 | | L | ļ.— | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ⊢ | |
| 1 | 100 | | | | 1 | | | 1 | 1 | I _ | |

| Cli | Date | | | | | | | | | | |
|--------------|-------------------|----------------|--|--|--|---------------|--------------|--------------|--|-----------------|--|
| | | | | | | | | | | | |
| <u>a</u> | Original | | | | | | | | | | |
| Final | rig | | | | | | | | | | |
| - | 0 | | | | | | | | | | |
| | 101 | | | \vdash | _ | _ | | | | | |
| | 102 | \vdash | _ | - | | \vdash | | - | _ | | |
| | 101 102 103 | - | | - | - | - | \vdash | - | _ | | |
| | 104 | \vdash | ┝ | - | - | - | | | | \vdash | |
| | 104 105 | - | - | - | - | - | - | _ | | | |
| | 106 | i - | | | | - | - | - | | - | |
| | 100 | \vdash | - | - | | | | | | | |
| | 107 108 | \vdash | \vdash | \vdash | - | - | | | | H | |
| | 109 | | \vdash | Н | _ | H | | - | | | |
| <u> </u> | 110 | \vdash | - | - | - | \vdash | \vdash | _ | | - | |
| ├─ | 110 | | — | - | | ⊢ | \vdash | - | _ | \vdash | |
| | 111 | <u> — </u> | <u> </u> | \vdash | | | H | \vdash | \vdash | - | |
| ├─ | 112 113 | | \vdash | \vdash | \vdash | <u> </u> | | | \vdash | Н | |
| <u> </u> | 113 | <u> </u> | <u> </u> | \vdash | _ | - | | \vdash | \vdash | $\vdash \vdash$ | |
| <u> </u> | 114 | | <u> </u> | <u> </u> | _ | _ | <u> </u> | _ | | Н | |
| | 115 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \vdash | <u> </u> | <u> </u> | ļ | \sqcup | |
| | 116 | <u> </u> | <u> </u> | | lacksquare | - | <u> </u> | <u> </u> | _ | Ш | |
| | 117 | | | | | L | | | | Щ | |
| <u> </u> | 118 119 | | _ | _ | | L | | | | Ш | |
| | 119 | _ | | | | | | | | | |
| | 120 | | | | | _ | | | <u> </u> | Ш | |
| | 121 122 | | | | | | | | | | |
| | 122 | | | | | | | | | | |
| | 123 124 125 | | | | | | | | | | |
| | 124 | | | | | | | | | | |
| | 125 | | | | | | | | | | |
| | 126 127 128 | Π | Г | Γ | | | | | | | |
| | 127 | | | Γ | | | | | Γ | | |
| | 128 | | | Γ | | | | | Г | | |
| | 129 130 131 | | | | | | | | | | |
| | 130 | | Г | | | Π | | | | | |
| | 131 | | Г | | | <u> </u> | | Г | Г | | |
| | 132 | | <u> </u> | | <u> </u> | Г | | | | | |
| | 132 133 | | T | | | | | Г | \Box | | |
| | 134 | \vdash | Г | 1 | | Π | | Г | Π | | |
| | 134 135 | Т | \Box | 1 | T | | <u> </u> | | Г | П | |
| | 136 | | Г | Т | Г | <u> </u> | <u> </u> | Г | | | |
| | 137 | Т | Т | | \vdash | Ι | T | \vdash | Г | | |
| | 137 138 | 1 | | | | Т | | | _ | \Box | |
| | 139 | T | \vdash | T | T | - | | \vdash | - | | |
| \vdash | 140 | - | 1 | \vdash | \vdash | \vdash | | \vdash | \vdash | \vdash | |
| \vdash | 141 | t^{-} | t | | | _ | <u> </u> | Н | | | |
| \vdash | 142 | \vdash | \vdash | \vdash | \vdash | | \vdash | \vdash | - | | |
| | 143 | ╁ | 一 | | \vdash | \vdash | | - | | H | |
| <u> </u> | 144 | — | | | | \vdash | <u> </u> | \vdash | - | \vdash | |
| <u> </u> | 144 | \vdash | \vdash | - | — | ⊢ | \vdash | | - | | |
| <u></u> | | \vdash | \vdash | - | \vdash | | - | \vdash | \vdash | \vdash | |
| | 146 | - | \vdash | \vdash | \vdash | | | - | ├ | | |
| <u></u> | 147 | <u> </u> | <u> </u> | <u> </u> | ├ | - | | <u>-</u> | ├- | - | |
| <u></u> | 148 | - | <u> </u> | ₩ | ⊢ | <u> </u> | | | \vdash | — | |
| | 149 | <u> </u> | <u> </u> | ⊢ | <u> </u> | | <u> </u> | <u> </u> | - | | |
| L | 150 | <u></u> | | <u></u> | $oxed{oxed}$ | | <u> </u> | | L_ | | |